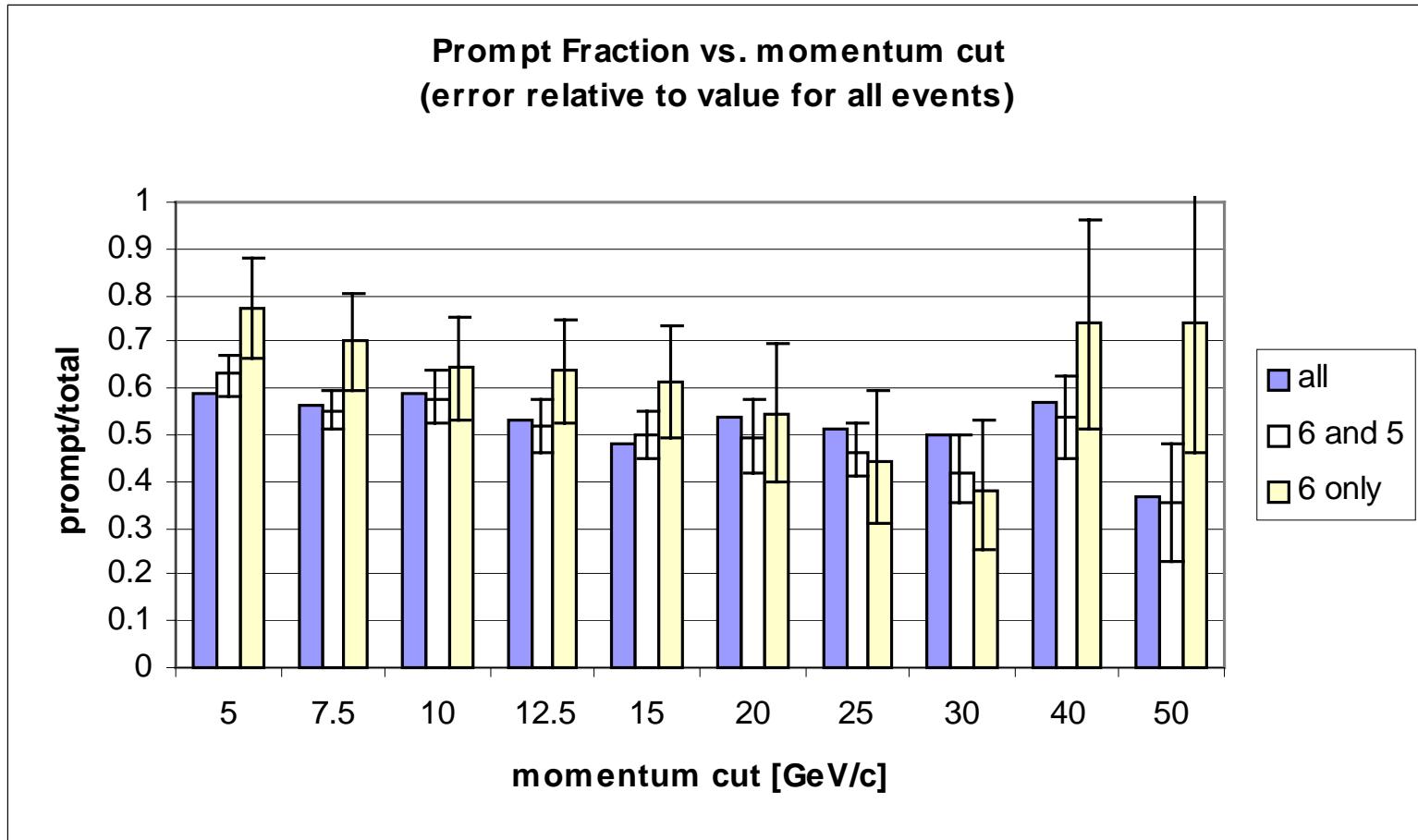


# Prompt Fraction

Patrick Berghaus  
Kansas State University

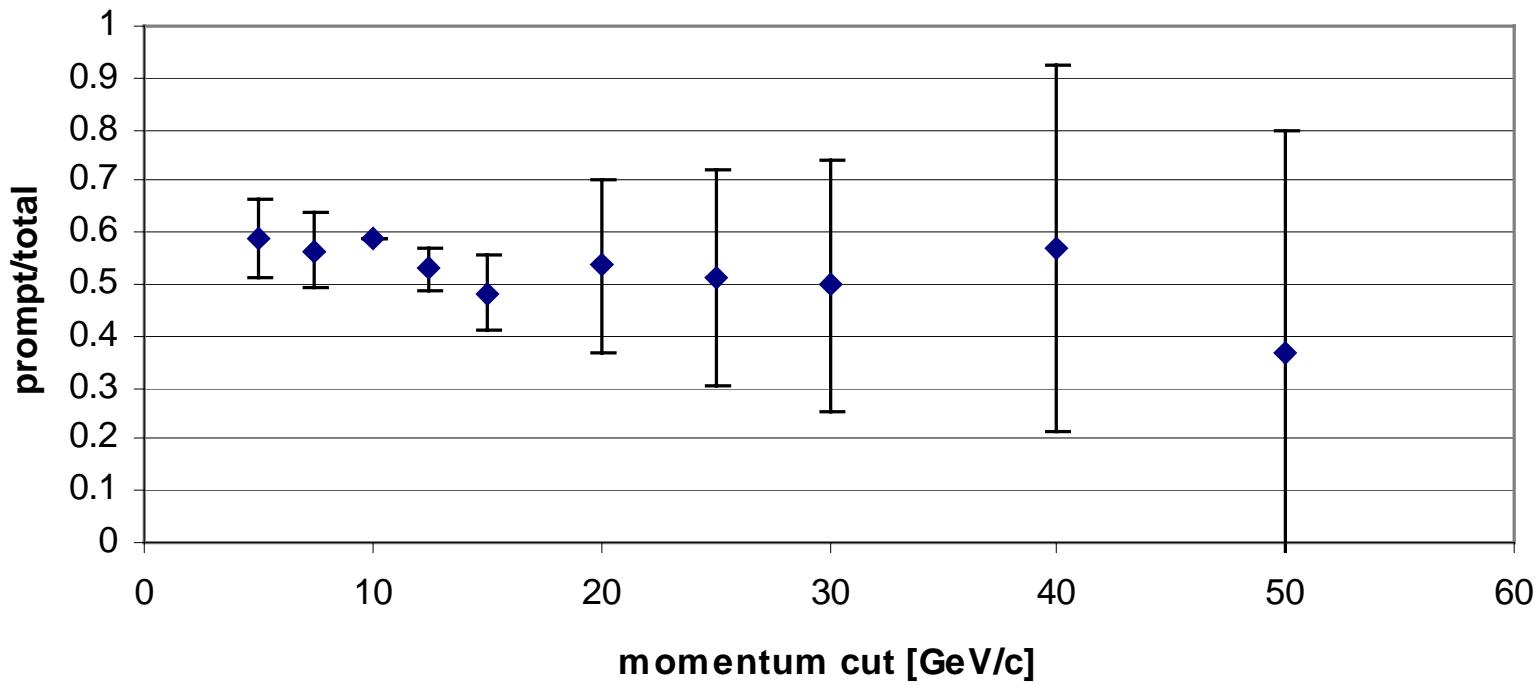
10/03/00

# Number of muon ID hits

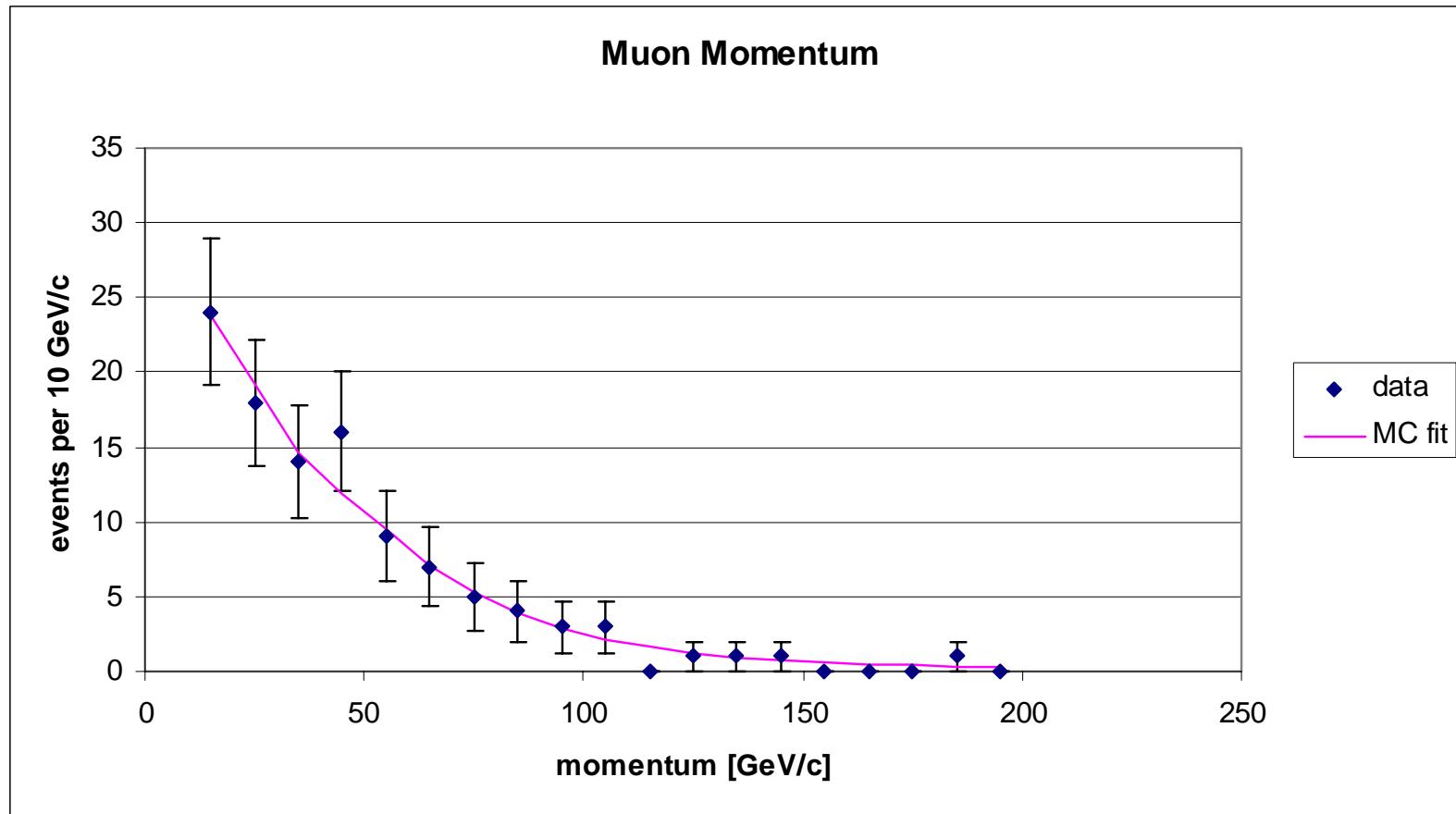


# Momentum Cut

Prompt fraction and error relative to value at 10GeV (all events)

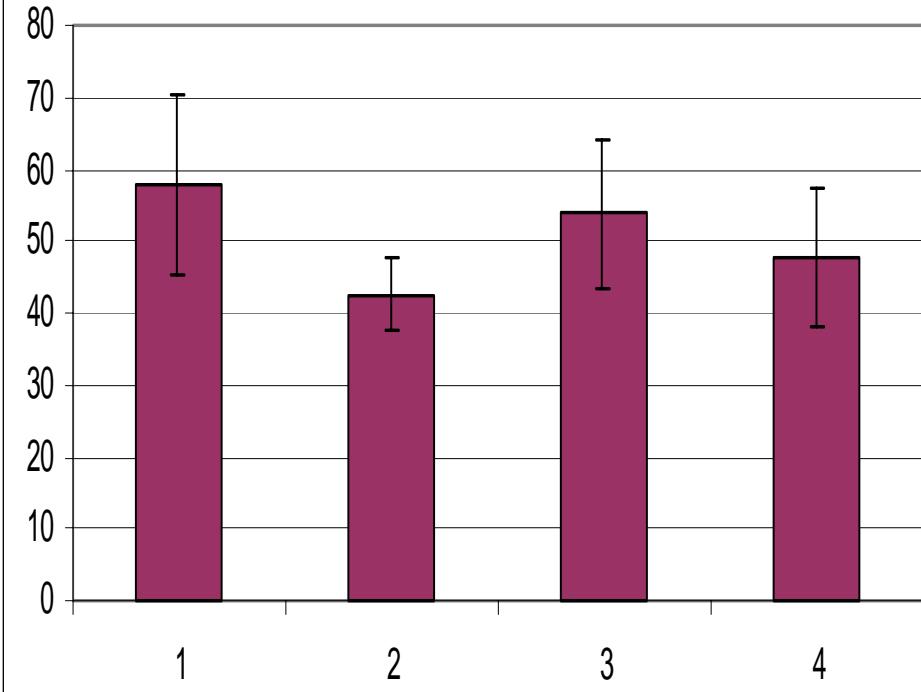


# Fit with 56% prompt

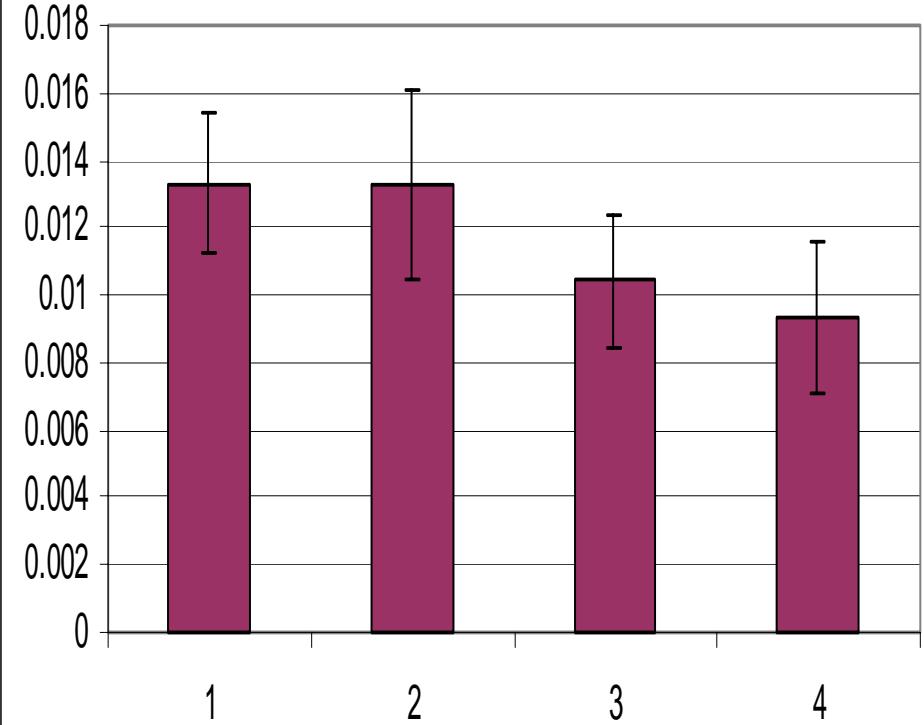


# Module dependence

Average  $p$  in dependence of module number



Normalized number of muon interactions per module



# Conclusion

- Spectrum at low p is not well understood
- Result is very sensitive to cuts, moderately sensitive to fitting method
- Prompt fraction appears to be  $.56 \pm .17$ (stat.)  
 $\pm .05$ (syst.)
- No indication for module dependent effects